

Application Serial No. 10/601,946
Amendment After Final Rejection dated November 15, 2005
In response to Office Action mailed October 21, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Previously Presented): A choke and kill line system for a blowout preventer comprising:
 - 2 a choke line having a choke line coupling member for connecting the choke line to the
 - 3 blowout preventer;
 - 4 a kill line having a kill line coupling member for connecting the kill line to the blowout
 - 5 preventer;
 - 6 a first line coupling member secured to the blowout preventer, the first line coupling member
 - 7 being adapted for releaseably connecting the first line coupling member to the choke line coupling
 - 8 member, and the choke line coupling member being adapted for releaseably connecting the choke
 - 9 line coupling member to the first line coupling member; and
 - 10 a second line coupling member secured to the blowout preventer, the second line coupling
 - 11 member being adapted for releaseably connecting the second line coupling member to the kill line
 - 12 coupling member, and the kill line coupling member being adapted for releaseably connecting the
 - 13 kill line coupling member to the second line coupling member,
 - 14 wherein the choke line coupling member and the first line coupling member releaseably
 - 15 connect to form a breechblock connection; and

16 the kill line coupling member and the second line coupling member releaseably
17 connect to form a breechblock connection.

1 2. (Cancelled):

1 3. (Previously Presented): The choke and kill line system of claim 1, wherein:
2 the choke line coupling member is a male coupling member and the first line coupling
3 member is a female coupling member; and
4 the kill line coupling member is a male coupling member and the second line
5 coupling member is a female coupling member.

1 4. (Previously Presented): The choke and kill line system of claim 1, wherein:
2 the choke line coupling member is a female coupling member and the first line
3 coupling member is a male coupling member; and
4 the kill line coupling member is a female coupling member and the second line
5 coupling member is a male coupling member.

1 5. (Previously Presented): The choke and kill line system of claim 1, wherein:
2 the choke line coupling member is a male coupling member and the first line coupling
3 member is a female coupling member; and

4 the kill line coupling member is a female coupling member and the second line
5 coupling member is a male coupling member.

1 6. (Previously Presented): The choke and kill line system of claim 1, wherein:
2 the choke line coupling member is a female coupling member and the first line
3 coupling member is a male coupling member; and
4 the kill line coupling member is a male coupling member and the second line
5 coupling member is a female coupling member.

1 7. (Original): A choke and kill line system for a blowout preventer comprising:
2 at least one choke line coupling member, at least one of the at least one choke line coupling
3 members having first and second choke line ends, the first choke line end being adapted to be
4 releaseably connected to a choke line and the second choke line end being adapted to be in fluid
5 communication with the blowout preventer; and
6 at least one kill line coupling member, at least one of the at least one kill line coupling
7 members having first and second kill line ends, the first kill line end being adapted to be releaseably
8 connected to a kill line and the second kill line end being adapted to be in fluid communication with
9 the blowout preventer,
10 wherein the first choke line end is adapted to form a breechblock connection with the
11 choke line and the first kill line end is adapted to form a breechblock connection with the kill line.

12 8. (Previously Presented): A coupling system for releaseably connecting a line to a blowout
13 preventer comprising:

14 a plate having a plate guide member, a first line coupling member, and a blowout preventer
15 connector member in fluid communication with the first line coupling member and in fluid
16 communication with the blowout preventer; and

17 a line assembly having a line, a line assembly guide member, and a second line coupling
18 member,

19 wherein the first line coupling member and the second line coupling member are each
20 adapted to be releaseably connected with each other to form a breechblock connection.

1 9. (Original): The coupling system of claim 8, wherein the first line coupling member is a female
2 coupling member and the second line coupling member is a male coupling member.

1 10. (Original): The coupling system of claim 8, wherein the first line coupling member is a
2 male coupling member and the second line coupling member is a female coupling member.

1 11. (Original): The coupling system of claim 8, wherein the line assembly guide member
2 includes at least one flange and the plate guide member includes at least one groove adapted for
3 receiving the at least one flange.

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1 13. (Cancelled):

1 14. (Original): The coupling system of claim 8, wherein the plate, the first line coupling
2 member, and the blowout preventer connector member are formed integrally with each other.

1 15. (Previously Presented): A coupling system for releasably connecting a choke line and a kill
2 line to a blowout preventer, the coupling system comprising:

3 a choke line coupling member, the choke line coupling member having first and second
4 choke line ends, the first choke line end being adapted to be releaseably connected to a choke line
5 and the second choke line end being adapted to be in fluid communication with the blowout
6 preventer,

7 wherein, the first choke line end is adapted to form a breechblock connection with
8 the choke line; and

9 a kill line coupling member, the kill line coupling member having first and second kill line
10 ends, the first kill line end being adapted to be releaseably connected to a kill line and the second kill
11 line end being adapted to be in fluid communication with the blowout preventer,

12 wherein the first kill line end is adapted to form a breechblock connection with the
13 kill line.

1 16. (Cancelled):

1 17. (Previously Presented): The coupling system of claim 15, wherein the first choke line end is
2 a male coupling member and the first kill line end is a male coupling member.

1 18. (Previously Presented): The coupling system of claim 15, wherein the first choke line end is
2 a female coupling member and the first kill line end is a female coupling member.

1 19. (Previously Presented): The coupling system of claim 15, wherein the first choke line end is
2 a female coupling member and the first kill line end is a male coupling member.

1 20. (Previously Presented): The coupling system of claim 15, wherein the first choke line end is
2 a male coupling member and the first kill line end is a female coupling member.

1 21. (Cancelled):

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1 22. (Currently Amended): ~~The pressure line system of claim 21, wherein the riser equipment is~~
2 ~~a tensioner.~~

3 A pressure line system for a tensioner comprising:

4 at least one pressure line coupling member, at least one of the at least one pressure line
5 coupling members having first and second pressure line ends, the first pressure line end being
6 adapted to be releaseably connected to a pressure line and the second pressure line end being adapted
7 to be in fluid communication with the tensioner,

8 wherein the first pressure line end is adapted to form a breechblock connection with
9 the pressure line.

1 23. (Currently Amended): ~~The pressure line system of claim 21, wherein the riser equipment is~~
2 ~~a slip-joint assembly.~~

3 A pressure line system for a slip-joint assembly comprising:

4 at least one pressure line coupling member, at least one of the at least one pressure line
5 coupling members having first and second pressure line ends, the first pressure line end being
6 adapted to be releaseably connected to a pressure line and the second pressure line end being adapted
7 to be in fluid communication with the slip-joint assembly,

8 wherein the first pressure line end is adapted to form a breechblock connection with
9 the pressure line.

1 24. (Currently Amended): ~~The pressure line system of claim 21, wherein the riser equipment is~~
2 a slip-joint tensioner assembly.

3 A pressure line system for a slip-joint tensioner assembly comprising:

4 at least one pressure line coupling member, at least one of the at least one pressure line
5 coupling members having first and second pressure line ends, the first pressure line end being
6 adapted to be releaseably connected to a pressure line and the second pressure line end being adapted
7 to be in fluid communication with the slip-joint tensioner assembly,

8 wherein the first pressure line end is adapted to form a breechblock connection with
9 the pressure line.

1 25. (Cancelled):

1 26. (Currently Amended): ~~The pressure line system of claim 25, wherein the riser equipment is~~
2 a tensioner.

3 A pressure line system for a tensioner comprising:

4 a pressure line having a first pressure line end and a second pressure line end, the first
5 pressure line end having a first breechblock coupling member and the second pressure end being
6 adapted to be in fluid communication with a pressure source; and
7 a second breechblock coupling member in fluid communication with the tensioner,

8 wherein, the first breechblock coupling member is releaseably connected to the
9 second breechblock coupling member to form a breechblock connection between the pressure line
10 and the tensioner.

1 27. (Currently Amended): The pressure line system of claim 25, wherein the riser equipment is
2 a slip-joint assembly.

3 A pressure line system for a slip-joint assembly comprising:
4 a pressure line having a first pressure line end and a second pressure line end, the first
5 pressure line end having a first breechblock coupling member and the second pressure end being
6 adapted to be in fluid communication with a pressure source; and
7 a second breechblock coupling member in fluid communication with the slip-joint assembly,
8 wherein, the first breechblock coupling member is releaseably connected to the
9 second breechblock coupling member to form a breechblock connection between the pressure line
10 and the slip-joint assembly.

1 28. (Currently Amended): The pressure line system of claim 25, wherein the riser equipment is
2 a slip-joint tensioner assembly.

3 A pressure line system for a slip-joint tensioner assembly comprising:

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4 a pressure line having a first pressure line end and a second pressure line end, the first
5 pressure line end having a first breechblock coupling member and the second pressure end being
6 adapted to be in fluid communication with a pressure source; and

7 a second breechblock coupling member in fluid communication with the slip-joint tensioner
8 assembly.

9 wherein, the first breechblock coupling member is releaseably connected to the
10 second breechblock coupling member to form a breechblock connection between the pressure line
11 and the slip-joint tensioner assembly.

1 29. (Currently Amended): The pressure line system of ~~claim 25~~ claim 28, wherein the first
2 breechblock coupling member is a male breechblock coupling member and the second breechblock
3 coupling member is a female breechblock coupling member.

1 30. (Currently Amended): The pressure line system of ~~claim 25~~ claim 28, wherein the first
2 breechblock coupling member is a female breechblock coupling member and the second breechblock
3 coupling member is a male breechblock coupling member.

1 31. (Currently Amended): The pressure line system of ~~claim 25~~ claim 28, wherein the pressure
2 line includes a diameter greater than two inches.